



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D2611**Job Sheet 205096****Part No:** D2611**Job Qty:** 40 pcs**Part Name:** Bearing**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 12/30/19**Job Tracking No:****Due Date:** 1/24/20**Created By:** Marie Lajeunesse**Type:** SOLD**Description:****Note:** DWG REV C IPP Rev:B 99.06.23 Re-format DM Change to SS; Change Supplier- Rev.C 07.03.14 EC**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
100	Purchasing	40 pcs		1/24/20	0.00	0.00	Purchasing - 1	
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	40 pcs		1/24/20	0.00	0.00	Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



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CANADA
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Container No: S247186**Part:** D2611**Job No:** 205096**Serial No/Batch:** S247186**Revision:****Inspector:****Exp Date:****Instructions:** Various STC's**Date:** 01/13/20

				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				Packaging 2 - 37 - B4B	
120 QC 6	40 pcs	1/24/20	0.00 0.00	QC 6 - 9	
				QC 6 - 68	JAN 14 2020 DAS 68
				QC 6 - 61	9-89
				QC 6 - 40	
				QC 6 - 81	
130 Packaging 3-1 - Stock - B4B	40 pcs	1/24/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	DAS 74
				Packaging 3 - 4 - B4B	STOCK 9-89 JAN 14 2020
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
140 QC 21 - SA	40 pcs	1/24/20	0.00 0.00	QC 21 - SA - 21	DAS 21
				QC 21 - SA - 70	9-89 JAN 14 2020
				QC 21 - SA - 53	

Part Op 100 - Purchasing - Issue P/O: _____ Purchase part as per Dwg D2611 Possible supplier: McMaster or CTG P/N:
 Descriptions: 63215K34
 110 - Receive & Inspect for Damage & Mat'l Certs - Ensure certificate of conformity is attached
 120 - QC6- All purchased or subcontracted products)
 130 - Identify as per dwg & Stock Location: _____
 140 - QC21- Final Inspection - Work Order Release

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
63215K34	Bearing (D2611)	40 Ea (1 ea)	100-Purchasing	5247185
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	63215K34	40	0	0
Part Specifications				
Specifications could not be found.				

Plex 12/30/19 2:48 PM Dart.lajeunesse.marie



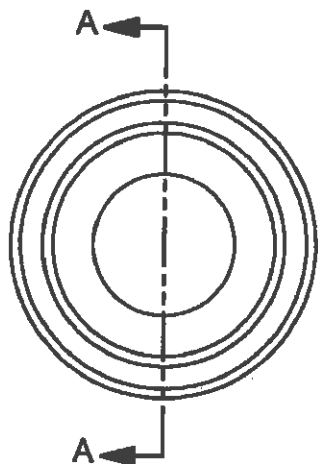
DESIGN <i>qp</i>	DRAWN BY <i>CB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>#</i>	APPROVED <i>#</i>	DRAWING NO. D2611	REV. C SHEET 1 OF 1
DATE 06.09.20		TITLE BEARING	SCALE NTS
REV	DATE	DESCRIPTION	
A	97.07.31	NEW ISSUE	
B	01.07.04	RE-DRAWN	
C	06.09.20	CHANGE TO SS; CHANGE SUPPLIER	

SPECIFICATION CONTROL DRAWING

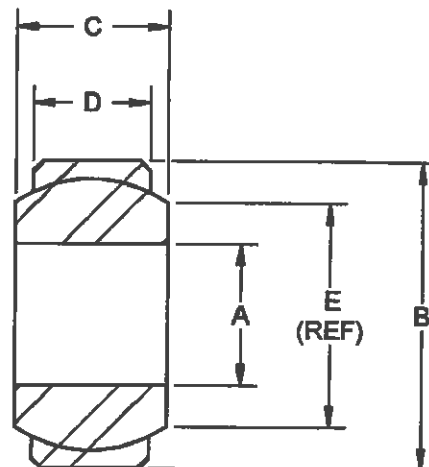


RELEASED

06.11.17 *#*



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. *205096* *HL5*
19-12-30



SECTION A-A



A	B	C	D	E (REF)	POSSIBLE SUPPLIER
0.375	0.813	0.406	0.313	0.592	McMASTER-CARR P/N 63215K34

NOTES:

- 1) STAINLESS STEEL BALL JOINT SWIVEL BEARING
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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Entered: _____

Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐		DEPARTMENT/PROCESS		MRB (QSI042)	
Date: _____		Sequence #: _____		QTY Affected: _____			
Description Work Order Deviation		Disposition					
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐							
Completed By		Lead hand / Supervisor					
QC / QA Coordinator		Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB045533



Supplier: MCM001-VU
McMaster-Carr Supply Co.,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045533

PO Date: 1/10/20

Due Date: 1/17/20

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

JAN 10 2020

Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		16823		85195A999	Giant Swiss Arm w/o Mag. Base	Firmed	-	1/23/20	1 Ea	0 Ea	1 Ea	\$435.76/Ea	\$435.76
2		3495T51		1/pk	Heavy Duty Wire Rope Thimble - for Lifting, 18-8 Stainless Steel, for 5/8" Rope Diameter	Firmed	-	1/17/20	4 Ea	0 Ea	4 Ea	\$15.90/Ea	\$63.60
3	205201	5462K62		1/pk	Supra Heavy Duty Hose Clamp Stainless Steel, W4 79-85 D5616-3 : AS PER DWG D5616 REV. B	Firmed	-	1/17/20	20 Ea	0 Ea	20 Ea	\$12.34/Ea	\$246.80
4		601.2045		6641A41	RTV (LOCTITE 598) : RTV, Loctite 598 EXP: DATE REQUIRED AT 6 MONTH SELF LIFE	Firmed	-	1/17/20	8 Ea	0 Ea	8 Ea	\$14.36/Ea	\$114.88
5	205228	6264K72		1/pk	Half Link D5039-5 : AS PER DWG D5039 REV. B	Firmed	-	1/17/20	4 pcs	0 pcs	4 pcs	\$7.80/pcs	\$31.20

Plex 1/10/20 9:17 AM Dart.Lavoie.Chantal



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PURCHASE ORDER POHB045533



Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
5	205096	63215K34	D2611 REV. C		Bearing (D2611) : AS PER DWG D2611 rev. C	Firmed	-	1/17/20	40 Ea	0 Ea	40 Ea	\$17.24/Ea	\$689.60
						X40		JAN 13 2020				OP	68 9-85
7	204882	6605K56		5/pk	Hook And Loop Tie D3551-11 : AS PER DWG D3551 REV.A	Firmed	-	1/17/20	10 pcs	0 pcs	10 pcs	\$3.09/pcs	\$30.90
						X10		JAN 13 2020				OP	
8	205215	6L094		6264k52 1/PK	Master Link D5039-3 : AS PER D5039 REV.B	Firmed	-	1/17/20	24 Ea	0 Ea	24 Ea	\$3.46/Ea	\$83.04
						X24		JAN 14 2020				OP	
9		8183K6		1/pk	Wire Guide/Grip	Firmed	-	1/17/20	4 Ea	0 Ea	4 Ea	\$9.83/Ea	\$39.32
						X4		JAN 14 2020				OP	
10	205431	D6209P		1630T14 / 1630T35 5 FT	U-Channel Extrusion : Various STC's	Firmed	-	1/17/20	5 ft	0 ft	5 ft	\$16.026/ft	\$80.13
11	205323	SIL/F36X36X1/16		8612K61	Gasket receive sf	Firmed	-	1/17/20	60 sf	0 sf	60 sf	\$9.0183333/sf	\$541.10
Line Item Note 5 pcs = =60 sf													
12	204889	6519T14		10 ft length/pcs	Tubing D5528-1 : AS PER DWG D5528 REV. A PCS OF 10 FT LONG REQUIRED	Firmed	-	1/17/20	20 Ea	0 Ea	20 Ea	\$50.70/Ea	\$1,014.00
						X200P		JAN 13 2020				-	
Line Item Note 20 pcs cut to 10 ft length													
												Grand Total:	\$3,370.33

CLP



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PURCHASE ORDER
POHB045533



Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

CL

Plex 1/10/20 9:17 AM Dart.Lavole.Chantal

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: N/A

Purchase Order
POHB045533
Order Placed By
Chantal Lavoie

Page 1 of 1
01/10/2020

McMaster-Carr Number
7433523-01

Line	Product	Ordered	Shipped
2	3495T51 Heavy Duty Wire Rope Thimble - for Lifting, 18-8 Stainless Steel, for 5/8" Rope Diameter	4 Each	4
3	5462K62 Tight-Seal Easy-Install Bolt Clamp for Soft Hose and Tube, 304 Stainless Steel, 3-1/8" to 3-11/32" ID	20 Each	20
4	6641A41 Flexible Gasket Maker Sealant, Loctite 598, 2.36 oz. Tube	8 Each	8
5	6264K72 Adding-and-Connecting Link for ANSI Number 40-SS Single Strand Corrosion-Resistant Roller Chain	4 Each	4
6	63215K34 Corrosion-Resistant Swivel Joint, Lubrication-Free, 3/8" ID, 13/16" OD	40 Each	40
7	6605K56 Hook and Loop Cable Ties, Flame-Retardant, 24" Long, Packs of 5	2 Packs	2
8	6264K52 Connecting Link for ANSI Number 40-SS Single Strand Corrosion-Resistant Roller Chain	24 Each	24
9	8183K6 Brass Submersible Cord Grip, Metric Threads, for 0.12"-0.2" Cord OD, M8 Knockout Size	4 Each	4
11	6519T14 Ultra-Chemical-Resistant Versilon PVC Tubing, 3/8" ID, 9/16" OD, 10 Feet Long	200 Feet	200

DAS
68
9-89

Expected to ship

1	85195A999 Giant Swiss Arm Only, 19" Total Height, #16823	1 Each	1 Jan 17-23
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Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

RECEIVED

JAN 13 2020

DART AEROSPACE LTD.

Sarah Weinberg

Sarah Weinberg
Compliance Manager